Application/Control Number: 09/943,921

Art Unit: 2600

CLMPTO 10/20/04 JW

Amend Claims 13,14,15,16,

1. (might ii) In a whiche comprising a first device and a smooth device, an abitive natural communicatively coupling the first device and the second choice, the outive naturals comprising a core portion and a people of periods, the people is the people of the core period, and the first device and the second divide being complet to the people of th

2. ($\alpha(\sin a)$ The vehicle of oldies 1, wherein the entire network continues a partial data topically.

3. (original) The verifies of claim I, wherein the police cohomic comprises of pheality of solice nativesk claracate complet by connection mades, wherein the core portion comprises a core extice network element and the puripheral portion comprises a peripheral soften astrock element.

4. (original) The vehicle of older I, wherein the calve network comprises a glurality of earlyst network elements complete by commercian modes, wherein the core position comprises a final active network element of the plurality of active network element and a second softly network element of the plurality of active network element of the plurality of active network element of the plurality of active network element.

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5. (hrighed) The vertele of claim 4, wherein the connection media coupling. The first universelved: element and the accord selfve network domest consprise a plumbity of communication paths between the first and assemble only a network elements.

6. (priginal) The will its of claim 1, wherein at lean one of the series network electronic flow a switch,

7. (prights) The vehicle of them $A_{\rm c}$ wherein at least case of the authoristwork \sim -elements a motor.

 θ_i (original) The widele of slicin 1, wherein θ_i loss one of the active a sewerk elements a bridge.

 (priginal) The values of claim 1, wherein the peripheral portion comprises
Ent active element of the plumbity of active elements and a second solive element of the physicist of active demons.

ID. (previously presented) The writines of claim 1, whereby the core period has a limit data rate capability and the period and portion has a second data rate capability different than the first data rate capability.

(1, (prighted) The velocic of alatm $\mathbf{1}_a$ wherein the core partian comprises a communication network backbons structure.

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15. (briginal) Ara self to network for a verticia, the vehicle besiebing a plumbly of device, the self to network comprising:

a pituality of active reserved, elements complete by communication modes including a core harding a core particular of the pituality of active network elements and a peripheral portion of the pituality of active network elements abcreate, wherein the sore portion and to active actively of coffee particular in complete in active actively of each peripheral portion and interpretable of the peripheral portion and the peripheral portion and active network elements of the some portion.

13. (Surroutly smenfed) The active network of chirin [[13])[2], wherein the author network is quenthes to retablish a plurality of communication paths between a first device and a second device of the plurality of devices for communicating data between the first and econd devices.

14. (currently emended) The active network of chim [115]112, whereby the plantity of communication pains compute cardy along the projected position.

1.9. (partently amended) The ective a sework of claim. (j) (j) 22, wherein the part portion has a first this rate expedition and the participated portion has a second data rate republicly different than the first deterrite republicly.

16. (surroutly emended) The active network of claim [[11]] Wherein the core portion firms a network backbone structure.